



Unified Enterprise Survey

# 2008 Annual Survey of Aquaculture Industry — Supplement

This document is confidential when completed.

Si vous préférez recevoir ce questionnaire en français,  
veuillez nous appeler au numéro sans frais suivant :  
1-888-881-3666.



This information is collected under the authority of the *Statistics Act*, Revised Statutes of Canada, 1985, Chapter S-19.

**COMPLETION OF THIS QUESTIONNAIRE IS A LEGAL REQUIREMENT UNDER THIS ACT.**

## Introduction

### Survey purpose

Statistics Canada, in cooperation with Fisheries and Oceans Canada, is collecting information for the *Aquaculture Sustainability Reporting Initiative*. This information will enable analysis of the social and economic benefits of the aquaculture industry, and the advancements the industry makes with respect to performance in areas such as environmental management, food safety/traceability, fish health and production efficiencies.

### Confidentiality

The Statistics Act protects the confidentiality of information collected by Statistics Canada. Please see the enclosed reporting guide for more information.

### Data-sharing agreements

To reduce respondent burden, Statistics Canada has entered into agreements with provincial and territorial statistical agencies and other government departments for the sharing of data. The data will be kept confidential and used for statistical purposes only by these organizations. For further details on any data-sharing agreement for this survey, please consult the enclosed reporting guide.

### Fax or other electronic transmission disclosure

Statistics Canada advises you that there could be a risk of disclosure during facsimile or other electronic transmission. However, upon receipt, Statistics Canada will provide the guaranteed level of protection afforded all information collected under the authority of the *Statistics Act*.

**Please return the questionnaire within 30 days.**  
**Please mail the completed questionnaire in the enclosed envelope or  
fax it to Statistics Canada at 1-888-883-7999.**

Lost the return envelope or need help? Call us at **1-888-881-3666** or mail to:  
Statistics Canada, Operations and Integration Division, 150 Tunney's Pasture Driveway, Ottawa, Ontario K1A 0T6

Visit our website at [www.statcan.gc.ca](http://www.statcan.gc.ca)

## Reporting instructions

- Please report information for your **fiscal year** (normal business year) **ending between** April 1, 2008 and March 31, 2009.
- Consult the enclosed reporting guide for further information.

## A - Employment

1. Please provide the average number of people employed during the reporting period.  
**Exclude** contract workers who are not part of your payroll.

	number
a) permanent full-time workers (30 hours or more per week)	0101
b) permanent part-time workers (less than 30 hours per week)	0102
c) temporary full-time workers (e.g., seasonal)	0103
d) temporary part-time workers (e.g., seasonal)	0104
e) unpaid family workers	0105

## B - Management and production environment

1. Do you have an aquaculture best management practices plan?

0201 <sup>1</sup>  **yes**, please explain your **plan**

<sup>3</sup>  **no**, go to **question 2**

0202

0203

2. What kind of food product certification or process do you have in place to guarantee food safety?

0301

0302

3. In the reporting period, how many work-related **injuries** occurred that required medical attention?

0401

number

4. What was the production environment for the grow-out stage ( **exclude** hatchery production)?

0501 <sup>1</sup>  salt/sea water

<sup>3</sup>  freshwater

## C - Finfish production (excluding hatchery production)

1. In the reporting period, did you produce any finfish? **Exclude** hatchery production.

<sup>0601</sup> 1  **yes, go to question 2**

<sup>3</sup>  **no, go to Section D question 1**

2. What was the **total** quantity and the value of product sold for each species?

Please convert other units to pounds or kilograms where possible.

Species	Unit of measure	Quantity	Value (CAN\$)
a) atlantic salmon	<sup>0801</sup> 1 <input type="checkbox"/> kilograms <sup>3</sup> <input type="checkbox"/> pounds <sup>7</sup> <input type="checkbox"/> other (please specify): <sup>0802</sup> _____	<sup>0803</sup> <input type="text"/>	<sup>0804</sup> <input type="text"/>
b) coho salmon	<sup>0805</sup> 1 <input type="checkbox"/> kilograms <sup>3</sup> <input type="checkbox"/> pounds <sup>7</sup> <input type="checkbox"/> other (please specify): <sup>0806</sup> _____	<sup>0807</sup> <input type="text"/>	<sup>0808</sup> <input type="text"/>
c) chinook salmon	<sup>0809</sup> 1 <input type="checkbox"/> kilograms <sup>3</sup> <input type="checkbox"/> pounds <sup>7</sup> <input type="checkbox"/> other (please specify): <sup>0810</sup> _____	<sup>0811</sup> <input type="text"/>	<sup>0812</sup> <input type="text"/>
d) rainbow trout	<sup>0813</sup> 1 <input type="checkbox"/> kilograms <sup>3</sup> <input type="checkbox"/> pounds <sup>7</sup> <input type="checkbox"/> other (please specify): <sup>0814</sup> _____	<sup>0815</sup> <input type="text"/>	<sup>0816</sup> <input type="text"/>
e) other finfish (please specify):  <sup>0817</sup> _____	<sup>0818</sup> 1 <input type="checkbox"/> kilograms <sup>3</sup> <input type="checkbox"/> pounds <sup>7</sup> <input type="checkbox"/> other (please specify): <sup>0819</sup> _____	<sup>0820</sup> <input type="text"/>	<sup>0821</sup> <input type="text"/>
f) other finfish (please specify):  <sup>0822</sup> _____	<sup>0823</sup> 1 <input type="checkbox"/> kilograms <sup>3</sup> <input type="checkbox"/> pounds <sup>7</sup> <input type="checkbox"/> other (please specify): <sup>0824</sup> _____	<sup>0825</sup> <input type="text"/>	<sup>0826</sup> <input type="text"/>

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### C - Finfish production (continued)

3. What was the method of production?

Species	Method of production (please mark all that apply)		
a) atlantic salmon	0901 1 <input type="checkbox"/> cage 7 <input type="checkbox"/> other (Please specify): _____	0902	
b) coho salmon	0903 1 <input type="checkbox"/> cage 7 <input type="checkbox"/> other (Please specify): _____	0904	
c) chinook salmon	0905 1 <input type="checkbox"/> cage 7 <input type="checkbox"/> other (please specify): _____	0906	
d) rainbow trout	0907 1 <input type="checkbox"/> cage 7 <input type="checkbox"/> other (please specify): _____	3 <input type="checkbox"/> flowthrough tank 0908	5 <input type="checkbox"/> recirculation
e) other (please specify): 0909 _____	0910 1 <input type="checkbox"/> cage 7 <input type="checkbox"/> other (please specify): _____	3 <input type="checkbox"/> flowthrough tank 0911	5 <input type="checkbox"/> recirculation
f) other (please specify): 0912 _____	0913 1 <input type="checkbox"/> cage 7 <input type="checkbox"/> other (please specify): _____	3 <input type="checkbox"/> flowthrough tank 0914	5 <input type="checkbox"/> recirculation

4. In the reporting period, during grow-out stage (exclude hatchery production):

a) What was the total quantity of feed used? Report one measure only.

Unit of measure	Quantity
1001 1 <input type="checkbox"/> kilograms	1042 <input type="text"/>
3 <input type="checkbox"/> pounds	
7 <input type="checkbox"/> other (please specify): _____ 1002	

b) What was the total quantity of medicated feed used? Report one measure only.

Unit of measure	Quantity
1003 1 <input type="checkbox"/> kilograms	1043 <input type="text"/>
3 <input type="checkbox"/> pounds	
7 <input type="checkbox"/> other (please specify): _____ 1004	

c) What was the quantity of other therapeutants used?

Type of therapeutants (please specify):	Quantity	Specify unit of measure
1005 _____	1006 _____	1007 _____
1008 _____	1009 _____	1010 _____
1011 _____	1012 _____	1013 _____

### C - Finfish production (continued)

d) What was the **average percent composition** of the feed used at harvest size, for:

%

fat	1014	
protein	1015	
phosphorus	1016	

e) What was your **average** Food Conversion Ratio (FCR)?

FCR

average Food Conversion Ratio 1017

5. In the reporting period, how many fish escaped and what was the cause of the escape?

**Species** – check one specie per a), b), c), etc.

**Cause of escape** – please mark one reason and specify the cause

<p><b>a)</b></p> <p>1018 1 <input type="checkbox"/> atlantic salmon                  2 <input type="checkbox"/> coho salmon                  3 <input type="checkbox"/> chinook salmon                  4 <input type="checkbox"/> rainbow trout                  5 <input type="checkbox"/> other                  (please specify:)</p> <p>1019 _____</p>	<p>1020 1 <input type="checkbox"/> equipment failure                  2 <input type="checkbox"/> handling                  3 <input type="checkbox"/> natural event                  4 <input type="checkbox"/> other                  (please specify:)</p> <p>1021 _____</p>
<p><b>number of fish</b> <span style="float: right;">1022</span> <input style="width: 100px;" type="text"/>      <b>average weight (kg)</b> <span style="float: right;">1023</span> <input style="width: 100px;" type="text"/></p>	

<p><b>b)</b></p> <p>1024 1 <input type="checkbox"/> atlantic salmon                  2 <input type="checkbox"/> coho salmon                  3 <input type="checkbox"/> chinook salmon                  4 <input type="checkbox"/> rainbow trout                  5 <input type="checkbox"/> other                  (please specify:)</p> <p>1025 _____</p>	<p>1026 1 <input type="checkbox"/> equipment failure                  2 <input type="checkbox"/> handling                  3 <input type="checkbox"/> natural event                  4 <input type="checkbox"/> other                  (please specify:)</p> <p>1027 _____</p>
<p><b>number of fish</b> <span style="float: right;">1028</span> <input style="width: 100px;" type="text"/>      <b>average weight (kg)</b> <span style="float: right;">1029</span> <input style="width: 100px;" type="text"/></p>	

<p><b>c)</b></p> <p>1030 1 <input type="checkbox"/> atlantic salmon                  2 <input type="checkbox"/> coho salmon                  3 <input type="checkbox"/> chinook salmon                  4 <input type="checkbox"/> rainbow trout                  5 <input type="checkbox"/> other                  (please specify:)</p> <p>1031 _____</p>	<p>1032 1 <input type="checkbox"/> equipment failure                  2 <input type="checkbox"/> handling                  3 <input type="checkbox"/> natural event                  4 <input type="checkbox"/> other                  (please specify:)</p> <p>1033 _____</p>
<p><b>number of fish</b> <span style="float: right;">1034</span> <input style="width: 100px;" type="text"/>      <b>average weight (kg)</b> <span style="float: right;">1035</span> <input style="width: 100px;" type="text"/></p>	

<p><b>d)</b></p> <p>1036 1 <input type="checkbox"/> atlantic salmon                  2 <input type="checkbox"/> coho salmon                  3 <input type="checkbox"/> chinook salmon                  4 <input type="checkbox"/> rainbow trout                  5 <input type="checkbox"/> other                  (please specify:)</p> <p>1037 _____</p>	<p>1038 1 <input type="checkbox"/> equipment failure                  2 <input type="checkbox"/> handling                  3 <input type="checkbox"/> natural event                  4 <input type="checkbox"/> other                  (please specify:)</p> <p>1039 _____</p>
<p><b>number of fish</b> <span style="float: right;">1040</span> <input style="width: 100px;" type="text"/>      <b>average weight (kg)</b> <span style="float: right;">1041</span> <input style="width: 100px;" type="text"/></p>	

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### C - Finfish production (continued)

6. How many fish died or had to be destroyed?

Species	number of fish		Specify reason:
a) atlantic salmon	1201	1202	
b) coho salmon	1203	1204	
c) chinook salmon	1205	1206	
d) rainbow trout	1207	1208	
e) other species (please specify):	number of fish		Specify reason:
1209	1210	1211	
1212	1213	1214	

### D - Shellfish production (excluding hatchery production)

1. In the reporting period, did you produce any shellfish (**exclude** hatchery production)?

1301  **yes**, go to **question 2**       **no**, go to **Section E - Comments**

2. What was the **total** quantity and value of product sold for each shellfish species?

Species	Unit of measure	Quantity	Value (CAN\$)
a) oysters	1401 <input type="checkbox"/> kilograms 3 <input type="checkbox"/> pounds 5 <input type="checkbox"/> units — please specify average weight per unit: 1402 _____ 7 <input type="checkbox"/> other (please specify): 1403 _____	1404	1405
b) mussels	1406 <input type="checkbox"/> kilograms 3 <input type="checkbox"/> pounds 7 <input type="checkbox"/> other (please specify): 1407 _____	1408	1409
c) clams	1410 <input type="checkbox"/> kilograms 3 <input type="checkbox"/> pounds 7 <input type="checkbox"/> other (please specify): 1411 _____	1412	1413
d) scallops	1414 <input type="checkbox"/> kilograms 3 <input type="checkbox"/> pounds 7 <input type="checkbox"/> other (please specify): 1415 _____	1416	1417

## D - Shellfish production (continued)

Species	Unit of measure	Quantity	Value (CAN\$)
<b>e) other shellfish</b> (please specify)  1418 _____	1419 1 <input type="checkbox"/> kilograms 3 <input type="checkbox"/> pounds 7 <input type="checkbox"/> other (please specify): 1420 _____	1421 <input type="text"/> 1422 <input type="text"/>	1422 <input type="text"/>
<b>f) other shellfish</b> (please specify)  1423 _____	1424 1 <input type="checkbox"/> kilograms 3 <input type="checkbox"/> pounds 7 <input type="checkbox"/> other (please specify): 1425 _____	1426 <input type="text"/> 1427 <input type="text"/>	1427 <input type="text"/>

### 3. What was the method of production?

Species	Method of production (please mark all that apply)
<b>a) oysters</b>	1501 1 <input type="checkbox"/> bottom culture 3 <input type="checkbox"/> suspended/off-bottom culture 7 <input type="checkbox"/> other (please specify): 1502 _____
<b>b) mussels</b>	1503 1 <input type="checkbox"/> bottom culture 3 <input type="checkbox"/> suspended/off-bottom culture 7 <input type="checkbox"/> other (please specify): 1504 _____
<b>c) clams</b>	1505 1 <input type="checkbox"/> bottom culture 3 <input type="checkbox"/> suspended/off-bottom culture 7 <input type="checkbox"/> other (please specify): 1506 _____
<b>d) scallops</b>	1507 1 <input type="checkbox"/> bottom culture 3 <input type="checkbox"/> suspended/off-bottom culture 7 <input type="checkbox"/> other (please specify): 1508 _____
<b>e) other shellfish</b> (please specify):  1509 _____	1510 1 <input type="checkbox"/> bottom culture 3 <input type="checkbox"/> suspended/off-bottom culture 7 <input type="checkbox"/> other (please specify): 1511 _____
<b>f) other shellfish</b> (please specify):  1512 _____	1513 1 <input type="checkbox"/> bottom culture 3 <input type="checkbox"/> suspended/off-bottom culture 7 <input type="checkbox"/> other (please specify): 1514 _____
<b>g) other shellfish</b> (please specify):  1515 _____	1516 1 <input type="checkbox"/> bottom culture 3 <input type="checkbox"/> suspended/off-bottom culture 7 <input type="checkbox"/> other (please specify): 1517 _____
<b>h) other shellfish</b> (please specify):  1518 _____	1519 1 <input type="checkbox"/> bottom culture 3 <input type="checkbox"/> suspended/off-bottom culture 7 <input type="checkbox"/> other (please specify): 1520 _____

**D - Shellfish production** (continued)

4. In the reporting period, how much of your total stock was lost?

Species	Stock lost %		Specify reason:
a) oysters	1601	<input type="text"/>	1602 <input type="text"/>
b) mussels	1603	<input type="text"/>	1604 <input type="text"/>
c) clams	1605	<input type="text"/>	1606 <input type="text"/>
d) scallops	1607	<input type="text"/>	1608 <input type="text"/>
e) other shellfish (please specify):	Stock lost %		Specify reason:
1609 <input type="text"/>	1610 <input type="text"/>	1611 <input type="text"/>	<input type="text"/>

**E - Comments**

1. How long did you spend collecting the data and completing this supplement questionnaire? 1701  hour(s) 1702  minutes

2. We invite your comments below. If necessary, please attach a separate page. Please be assured that we will review all comments with the intent of improving the survey.

1801 \_\_\_\_\_

1802 \_\_\_\_\_

1803 \_\_\_\_\_

1804 \_\_\_\_\_

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**Thank you for completing this questionnaire. Please retain a copy for your records.**

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